SDWIS/STATE User Support Activity Report
for the Period April 12-23, 2004

EVENTS OPENED DURING PERIOD - STILL OPEN

Date:	Event #:	Organization:	Originator:	Release:
4/14/2004	9420	AK	Maria Ridgway	8.0.4

Status: O

Time Spent: 1.25

SDWIS/STATE Component: MTS:Reports

Problem/Question: No report shows when we click on "View Post Candidate Migration Violation Report" after migrating candidate violations. I checked the c:\sdwis\cds\post_mig folder and it contains only one file: README2.TXT. Page 6-101 of the User's Guide shows an example of the report that I should be getting when that button is clicked.

It would be nice to be able to look at this report so we will know which violation did not get migrated and the reason it was not migrated.

Respondee(s): Cheryl Wilson

Resolution: Cheryl Wilson 4/20/04: I was finally able to replicate the issue Maria reported, but was able to do it only once and cannot replicate it again using the same procedures/steps. I will continue to see if I can replicate it so we can resolve.

Maria Ridgway 4/14/04: I copied the CDSRPTS.MDB to my CDS folder and re-linked the tables. I re-ran the CDS Chem/Rad Compliance Report. Again, I highlight the violations that I want to migrate, Edit Migrate as Preliminary. I click OK and then on View Post Candidate Violation Migration Report. After clicking that, it opens MS Word and no report shows, even though it says that I have some violations that did not get migrated.

Can you please check your CDS folder and DUP_viols folder, and tell me how the text documents are created there. The report that I should be seeing should be coming from that folder (based on what the User's Guide says).

Cheryl Wilson 4/15/04: Maria is trying to migrate both state and federally owned violations. She is not sure that she has the most current version of CDSRPTS.mdb for MS Access 2000, so I sent a copy to her. She will copy the file into her directory and try again.

Maria Ridgway 04/14/04: I do not have (or cannot find) a copy of CDS.MDB. I do have a copy of the CDSRPTS.MDB that is on the CDS folder. The User's Guide (Exhibit 6-54, Duplicate CDS Candidate Violations Report) shows the report that I should be seeing, which is also not an MS Access report.

Date:	Event #:	Organization:	Originator:	Release:

The exact steps I took:

--Open SDWIS.
--Click Monitoring and Noncompliance.
--Click edit Post-Compliance Decision Support Processing/Migrate CDS Candidate Violations Regulating Agency.
--Click monitoring period (FEB2004).
--Search (gives me a list of violations for that agency for that period).
--Highlight the violations that I want to migrate.
--Edit Migrate as Preliminary
--Click OK.
--Click on View Post-Candidate Violation Migration Report.

After clicking that, it only opens MS Word and no report shows.

Cheryl Wilson 4/14/04: Based on Maria's reply to my e-mail message, it seems that she is referring to state-owned violations and yes, the current version of SDWIS/STATE does not handle these the same way it handles federally owned violations. She originally reported this in December of 2003 (Event 9008) and this problem has been promoted to SSWr1 to be fixed. As soon as I verify that this is the same issue, I will close this event.

Cheryl Wilson 4/14/04: I was not able to re-create this problem, so I sent Maria the following e-mail message: "I just migrated a set of CDS violations. A report was generated in the folder and was able to read. Just to verify: The copy of the CDS.MDB you have is from 07/08/2002 @05:35P? If not, you can get copy from the 8.0.2 or 8.0.3 interim releases. If so, please e-mail the exact steps you took and which report(s) you are looking for."

4/21/2004	9468	IN	April Swift	8.0.4

Status: O

Time Spent: 1.00

SDWIS/STATE Component: MBS

Problem/Question: Can someone please help me with Lead and Copper milestones in SDWIS? I'm not sure how the design of this database handles certain actions like "Public Education" for an exceedance of 90th %, and/or "Source Water" follow-up sampling, etc. I guess my question is whether or not these should be addressed in the "Milestones" area of SDWIS, on an as occurred basis that is tracked by the compliance officer, or if we can track these special schedules in the "Non-TCR Sample Schedule" area. Please let me know ASAP as we are trying to get these schedules into SDWIS by the end of this week.

Respondee(s): Scott Peterson

Date: **Event #:**   **Organization:**   **Originator:**   **Release:**

Resolution: Scott Peterson 4/21/04: I'm attaching our LCR Implementation Outline, which should answer your questions. Go to section 2) – Routine Compliance Activities to find answers to the items you specifically mention. The following is from this section of the document:

e) Respond to lead and copper exceedances.
i) Enter necessary WQP and source water schedules.

To enter WQP and source water schedules, use:

Monitoring and Noncompliance
Edit
Sample Schedules > Non-TCR Schedules
(See page 6-24 of the User's Guide)

PWS must conduct WQP monitoring both in the distribution system and at each entry point in the same 6-month period they exceeded the AL.

PWSs must conduct source water monitoring (actually done at Entry Points) for lead and/or copper (for the analyte whose action level was exceeded).

ii) Optionally enter an equivalent Milestone Event record.

To enter milestone events, use:

Monitoring and Noncompliance
Edit
Milestones > Add
(See page 6-106 of the User's Guide)

iii) Make changes to the PWS's tap water sample schedules.

Close the current tap water sample schedule.

It is suggested that you open up a new tap water schedule that references a State Violation type if the system is likely to try to meet both action level for two consecutive monitoring periods in order to cease completing the treatment steps.

iv) Create a Compliance Schedule to track compliance with the treatment steps.

Initially, you will need to work with the System Administrator to create Compliance Schedule Type desired.

Date: **Event #:**   **Organization:**   **Originator:**   **Release:**

To create a new Compliance Schedule Type, use:

SDWIS Administration
Edit
Permitted Values (Code Name = TENSCH1)

The System Administrator may also need to create appropriate Scheduled Activities needed for the Compliance Schedule.

To create Activity Types, use:

SDWIS Administration
Edit
Enforcement Support > Activity Types

For each new action level exceedance, you will need to enter new or copy the existing compliance schedule. Remember to include all the required activities a PWS must undertake, including Public Education, if the PWS exceeded the lead action level.

To create a Compliance Schedule, use:

Enforcement
Edit
Compliance Schedules > Add
(See page 8-8 of the User's Guide)

To copy an existing Compliance Schedule, use:

Enforcement
Edit
Compliance Schedules > Maintain
(See page 8-11 in the Users Guide)

Make sure that whoever reports to SDWIS/FED includes the action level exceedances when reporting.

To report action level exceedances to SDWIS/FED, use:

Migration to SDWIS/FED
Edit
Samples > Migration to SDWIS/FED
(Select "Lead 90th Percentile" and "Copper 90th Percentile)

Date: **Event #:**   **Organization:**   **Originator:**   **Release:**

g) Track compliance with treatment step requirements.

i) Enter reports of completed steps into SDWIS/STATE.

As PWS owners report they have completed a treatment step, enter the information into the Compliance Schedule created to track it.

To maintain a Compliance Schedule, use:

Enforcement
Edit
Compliance Schedules > Maintain
(See page 8-8 in the User's Guide)

ii) Check for PWS that are Overdue or Late on Taking Treatment Steps.

Periodically run the Compliance Schedule Report to identify when a PWS has not completed a required task (Overdue) or completed it late (Late).

To run the Compliance Schedule Report, use:

Enforcement
Edit
Reports (Compliance Schedule Report)
(See page 8-17 in the User's Guide)

iii) Establish Optimal Water Quality Control Parameters (OWQP).

To establish these in SDWIS/STATE, two steps are needed: (a) record the levels as Facility Analyte Levels, and (b) enter OWQP schedules. Remember, you will likely have OWQP for both treatment plant entry points and the distribution system.

To enter Optimal Water Quality Control Parameters, use:

Monitoring and Noncompliance
Edit
Planning > Facility Analyte Level
(See page 6-3 in the User's Guide)

To enter OWQP Schedules, use:

Monitoring and Noncompliance

Date:	Event #:	Organization:	Originator:	Release:

Edit
Sample Schedules > Non-TCR Schedules
(See page 6-24 in the Users Guide)

SDWIS/STATE will check compliance with the OWQP monitoring and levels when you run the Lead and Copper Compliance Report (see above).

iv) Determine and Report a System as DONE with OCCT.

Once system is done, enter a DONE milestone event.

To enter milestone events, use:

Monitoring and Noncompliance
Edit
Milestones > Add
(See page 6-106 in the User's Guide)

4/22/2004	9476	NY	Tom Becker	8.0.4

Status: O

Time Spent: 0.50

**SDWIS/STATE
Component:**   Installation

Problem/Question: As you are aware, we are running SDWIS/STATE via Citrix/nFuse in New York. We ran into an interesting problem where records from the TINUSER table get deleted when the corresponding Legal Entity record is deleted. This only happens on our nFuse installation.

Normally, SDWIS/STATE flashes the message below from Oracle and "crashes" to prevent the deletion of the TINUSER record:

TIRM030E: Application failed - Updates have been backed out
TIRM031E: Failing procedure exit data follows:
TIRM032E: Last or current action block id   = 0022478869
TIRM033E: Last or current action block name = READ_LEGAL_ENTITY_ASGMT_LIST
TIRM034E: Last or current database statement = 0
TIRM035E: Current statement being processed = 0000000035
TIRM037E: ** Fatal Error was encountered ***

Date:	Event #:	Organization:	Originator:	Release:

TIRM038E: *** Fatal database error was encountered ***
TIRM039E: DB last status = DU
TIRM046E: *** Processing terminated ***
TIRM044E: *** Press OK to continue ***

We would like a recommendation or at least an opinion on our best course of action to prevent this accidental deletion. As of now, we can only think of two options:

1. Modification of nFuse. nFuse requires applications to be "published" in order to run. If the error SDWIS/STATE normally displays is an application, we would like to know what application it is so we can modify nFuse to correctly deal with it.

2. Modification of the public rights on the table TINUSER. Right now, any user can delete any row from the TINUSER table. Is there a way we can change the role of this table so that only certain people can delete rows? All users need to be able to update the table.

Respondee(s):   Raghu Charugundla

Resolution: Raghu Charugundla 4/23/04: Every time you add an application user, the SDWIS/STATE application creates one entry in each of the TINUSER, TININDIV, and TINLGENT tables. If you attempt to delete it from any one of these three tables, it would delete the entry from that table and also from the other two tables. I tested it successfully on a copy of a NY database that we have. Once when I tried to delete an individual from the legal entity maintenance list, it opened another window showing point-of-contact associations to indicate it could not delete that individual due to the associations.

I was unable to re-create the error you reported. Could you send me the associations of the user you were trying to delete? I will look into the options you suggested when I am able to re-create the error.

If you are using SDWIS/STATE roles to maintain user access to the tables, one way to limit a user from writing to the tables is by assigning the SDWIS_SELECT_ONLY role to that user in the database. Another option is to create a new role by modifying the create_role.sql script. If you do not want a user to have delete privilege, make sure you give SELECT/UPDATE/INSERT rights on the TINUSER, TININDIV, and TINLGENT tables (and do not give DELETE).

 Time spent on above events (in hours):   2.75

Date:	Event #:	Organization:	Originator:	Release:
4/13/2004	9414	AK	Maria Ridgway	8.0.4

Status:	C
Time Spent:	0.25
SDWIS/STATE Component:	Installation
Problem/Question:	Can you please send me the "Unmark_SSR_reported_to_sdwisfed.sql" script that is mentioned on the Release Notes for Migration to SDWIS/FED:Sampling 8.0.5?
Respondee(s):	Belinda Barsotti
Resolution:	Belinda Barsotti 4/13/04: The SQL Server and Oracle versions of the Unmark_SSR_Reported_to_SDWISFED.SQL scripts are being sent to you from Jane Schuster, Region 10.

Date:	Event #:	Organization:	Originator:	Release:
4/20/2004	9462	CO	Robert Miller	8.0.4

Status:	C
Time Spent:	0.75
SDWIS/STATE Component:	MTF:Sampling
Problem/Question:	Via Scott Peterson: Robert Miller requested the extract so he could have a look at their data in SDWIS/FED. They have already satisfied EPA's request out of their legacy. However, they are in process of moving all their LCR 90th results into SDWIS/STATE and will, in the near future, begin using Migrate to SDWIS/FED: Samples.
Respondee(s):	Scott Peterson
Resolution:	Scott Peterson 4/20/04: As requested, please find attached the Colorado's Compare 90th Data Database. Colorado's lead and copper sample data from SDWIS/FED has already been migrated into this database for your use. FYI, I have also included the original text file created when your records were extracted from SDWIS/FED.

Please refer to the accompanying documents as you utilize this tool. If you need any assistance, please feel free to contact me directly. |

Date:	Event #:	Organization:	Originator:	Release:
4/13/2004	9411	IA	Mike Weimann	8.0.4

Status:	C

Date:	Event #:	Organization:	Originator:	Release:

Time Spent: 0.25

SDWIS/STATE Component: Installation

Problem/Question: Iowa is requesting a copy of the script "Unmarked_SSR_Reported_to_SDWIS/FED.sql" which is mentioned in the April 12, 2004 "Software Release Notes for SDWIS/STATE Release 8.0.5 Patch" document.

Respondee(s): Belinda Barsotti

Resolution: Belinda Barsotti 4/13/04: Attached is the Oracle version of the Unmark_SSR_Reported_to_SDWISFED.SQL script. This script resets the values in the five fields of your Sample Summary Result (TSASSR) table that track whether the record has been included in an H1 DTF and/or accepted by SDWIS/FED. For table TSASSR only, it resets EXTERNAL_SYS_NUM, TRANSACTION_TYP, TF_BATCH_NUMBER, SDWISFED_STATUS, DTF_CREATE_DATE_TS to null or spaces, as if Migration to SDWIS/FED: Sampling has not been run for your Lead and Copper 90th Percentile summaries. The script also synchronizes values in your TINEISN and TINEXSN tables with your TSASSR table. Please note that after you run this script, if you open the Post-Migration to SDWIS/FED: Sampling processing list, you will still see records indicating you ran MTF:Sampling if your Primacy Agency did so. (The script does not remove the records in the TINBATCH table that record each run.)

Copy the Unmark_SSR_Reported_to_SDWISFED.SQL script into the C:\SDWIS_MIGRATE70to80\Dba_Scripts folder and follow the instructions at the start of the script for executing it.

Date:	Event #:	Organization:	Originator:	Release:
4/13/2004	9413	ID	Howard Woods	8.0.4

Status: C

Time Spent: 0.25

SDWIS/STATE Component: Installation

Problem/Question: A couple of weeks ago I ran the migrate function for lead data several times. Each time I ran it, a flat file of approximately the same size was generated. I'm not sure what good the unmarking process does. Is this merely to start over assigning external system numbers?

At any rate, we are a scenario "C" state, so apparently need the unmark script. Please send it to us along with any information you can round up explaining what problem it is supposed to correct.

Respondee(s): Belinda Barsotti

Resolution: Belinda Barsotti 4/13/04: The Unmarked_SSR_Reported_to_SDWIS/FED.sql script is being sent to you from Jane Schuster, Region 10.

Date:	Event #:	Organization:	Originator:	Release:
4/22/2004	9473	IL	Sandy Frank	8.0.4

Status: C

Time Spent: 0.75

SDWIS/STATE Component: CDS Setup

Problem/Question: We recently started using a new Lims system and the Lab is reporting their Dibromoacetic Acid, Dichloroacetic Acid, Monobromoacetic Acid, Monchloroacetic Acid, and Trichloroacetic Acid with analyte codes 2329, 2331, 2338, 2335, and 2337 respectively, instead of codes 2454, 2451, 2453, 2450, and 2452 as was previously done. Both analyte codes use the same analyte name, i.e., 2329 and 2454 are both Dibromoacetic Acid. The only difference is we had to assign Method Code 552.2 (DBPS and CL2 solvents) to 2329, 2331, 2335, and 2337.

Shouldn't CDS still calculate Total Haloacetic Acids even when analyte codes 2329, 2331, 2338, 2335, and 2337 are reported?

Respondee(s): Caesar Vinegas/Scott Peterson

Resolution: Scott Peterson 4/26/04: The EPA approved codes for HAA are, as Illinois noted, codes 2454, 2451, 2453, 2450, and 2452.

The training materials for new users do list these approved HAA codes; however, the training materials for existing users do not, and it is these latter materials that would have been appropriate for Illinois.

For the next release, the team will look at somehow marking the old HAA codes, such as possibly adding a parenthetical "obsolete" to the end of the Analyte Code Name. Another option would be to reset these analytes to state-owned and then provide a script to let users know if there are any records that reference them. Users could then make any necessary updates and delete the state-owned analytes at their convenience.

Sandy Frank 4/22/04: It is my recommendation that the unofficial analyte codes be removed since they do not work properly for CDS calculations. As a result, they wouldn't be able to be used, there would be no mix ups, and this wouldn't be an issue.

Scott Peterson 4/22/04: When we first learned that EPA had two sets of codes for the HAAs, we talked about removing the set that the CDS processes do not use; although we did not do so at the time because they may be referenced by other data.

What, short of removing them from the database, do you think we could do to address this issue?

Scott Peterson 4/22/04: We decided not to use the first because we understand that EPA considers the second as the official codes. We have talked about not using the first set several times and I believe have documented it several times as well.

Caesar Vinegas 4/22/04: My technical answer is that the software was designed to handle only the latter analyte codes to calculate for HAA5. Dianna is in Mississippi until tomorrow and unavailable to answer the business reason why we limited it to the latter set of

Date:	Event #:	Organization:	Originator:	Release:

analytes. I did verify that the former set are analyte codes that were included in the pre-populated TSAANLYT table. I will ask Scott why we did it for the second set and not for the first. If you want HAA5 automatically calculated by CDS Setup, you will have to use the second set of analytes.

4/15/2004	9435	IN	Sandra DeCastro	8.0.4

Status: C

Time Spent: 0.75

SDWIS/STATE Component: IBS

Problem/Question: We have a system in Indiana that is purchasing water (100%) from a system in Illinois. In order for me to reflect the consecutive connection, how would I add the Illinois inventory information in SDWIS?

Respondee(s): Dianna Heaberlin

Resolution: Dianna Heaberlin 4/15/04: First, check your User's Guide, p. 4-32; the "Add Water Systems Located in Other States" section is what you need.

Second, use Relation.mdb and open the TINPRT table that controls the two-character code at the beginning of the PWSID. There will be four "HQ" rows and 4 "IN" rows. These are used to derive the federal and state PWS types. See if you have additional rows, possibly "IL" or "MI." You will need a row for each two-character code you need. If an "IL" row is there, you may add the Illinois system.

If the row is not present, Wayne will need to run the ADDROW_TINPRT.sql script to add the new row(s). Wayne can find additional information about the script on page 5-2, Support of Multiple State Water System Inventory Maintenance in the Installation Guide. The guide states you may add the row using MS Access; however, we recommend running the script instead. The script may be stored in C:\SDWIS_MIGRATE70to80\DBA_SCRIPTS.

I would also recommend creating a legal entity, Illinois EPA, Government, State. Then associate this government agency to the users that you want to maintain this water system. And finally, add the water system and associate it to the Illinois EPA regulating agency.

These water systems will not be part of your DTF sent to SDWIS/FED.

4/13/2004	9416	KY	Stephen Poreda	8.0

Status: C

Time Spent: 0.25

Date:	Event #:	Organization:	Originator:	Release:

SDWIS/STATE Component: Installation

Problem/Question: I have recently begun implementing SDWIS/STATE for the Kentucky Drinking Water Branch. I am having difficulty importing text data into staging tables. When I select a test file on the Import Text to Staging Table screen, I get a Microsoft Visual Basic runtime error "452 - Cant find DLL entry point 95 in msaccess.exe."

We are using MS Access 2000 and not MS Access 97. Is there an issue with the use of MS Access 2000 with SDWIS/STATE or is this some other kind of problem?

Respondee(s): Christine Tivel

Resolution: Christine Tivel 4/14/2004: I talked to Stephen and he indicated that he was able to resolve the issue. This event is now closed.

4/16/2004	9452	LA	Les Lemon	8.0.4

Status: C

Time Spent: 0.25

SDWIS/STATE Component: Installation

Problem/Question: Les Lemon requested a copy of the Oracle version of the Unmark_SSR_Reported_to_SDWISFED.SQL script.

Respondee(s): Belinda Barsotti

Resolution: Belinda Barsotti 4/19/04: I re-sent the Oracle version of the Unmark_SSR_Reported_to_SDWISFED.SQL script to Les Lemon. His e-mail address had changed.

Belinda Barsotti 4/16/04: Attached is the Oracle version of the Unmark_SSR_Reported_to_SDWISFED.SQL script. This script resets the values in the five fields of your Sample Summary Result (TSASSR) table that track whether the record has been included in an H1 DTF and/or accepted by SDWIS/FED. For table TSASSR only, it resets EXTERNAL_SYS_NUM, TRANSACTION_TYP, DTF_BATCH_NUMBER, SDWISFED_STATUS, DTF_CREATE_DATE_TS to null or spaces, as if Migration to SDWIS/FED: Sampling has not been run for your Lead and Copper 90th Percentile summaries. The script also synchronizes values in your TINEISN and TINEXSN tables with your TSASSR table. Please note that after you run this script, if you open the Post-Migration to SDWIS/FED: Sampling processing list, you will still see records indicating you ran MTF:Sampling if your Primacy Agency did so. (The script does not remove the records in the TINBATCH table that record each run.)

Copy the Unmark_SSR_Reported_to_SDWISFED.SQL script into C:\SDWIS_MIGRATE70to80\Dba_Scripts folder and follow the instructions at the start of the script for executing it.

Date:	Event #:	Organization:	Originator:	Release:
4/20/2004	9460	LA	Kate Gilmore	8.0.4

Status: C

Time Spent: 1.00

SDWIS/STATE Component: MBS

Problem/Question: When entering a violation for Chlorite MCL Violation according to 40:CFR Appendix A Subpart Q - Tier of Public Notice Required for Chlorite is "2."

From the Violation Maintenance screen, a type 02 violation is allowing only a Tier one for Chlorite. When choosing Tier 2 for Violation type 02, Chlorite is not offered in the pick list. Chlorite is offered under the Tier 1 pick.

This may have been covered in some of the previous documentation, but could someone please confirm if this is to be expected. What would a workaround be?

Respondee(s): Cheryl Wilson

Resolution: Cheryl Wilson 4/20/04: I let Kate know that she needs to change the Tier Level from 1 to 2 on the Violation Maintenance screen, whether in Add or Change mode. When she first added the violation, the Tier Level defaulted to 1 and the analyte code defaulted to 1009. Kate needs to change the Tier Level to the number 2 and leave the other remaining default--no need to reselect the analyte. The software will accept the change of Tier Level number and keep 1009 as the analyte.

4/12/2004	9377	MT	Andrea Vickory	8.0.4

Status: C

Time Spent: 0.75

SDWIS/STATE Component: MTF:Sampling

Problem/Question: Request for the Compare FED/STATE 90th % Data MS Access database tool - Montana.

We can't receive a .MDB file via e-mail, so please change the file extension .MDB to .SAV and verify the size limit. If it's greater than 5 mgs, it will have to be sent on CD.

Respondee(s): Scott Peterson/Gopa Nair

Resolution: Scott Peterson 4/12/04: As requested, please find attached the Montana PbCu Compare Database. Montana's lead and copper sample data from SDWIS/FED has already been migrated into this database for your use. FYI, I have also included the original text file created when your records were extracted from SDWIS/FED.

Date:	**Event #:**	**Organization:**	**Originator:**	**Release:**

Please refer to the accompanying documents as you utilize this tool.

4/13/2004	9410	MT	Jon Dahl	8.0.4

Status:	C
Time Spent:	0.25
SDWIS/STATE Component:	Installation

Problem/Question: Jon called the hotline requesting the script for the Oracle version of the Unmark_SSR_Reported_to_SDWISFED.SQL for the state of Montana.

Respondee(s): Belinda Barsotti

Resolution: Belinda Barsotti 4/13/04: Attached is the Oracle version of the Unmark_SSR_Reported_to_SDWISFED.SQL script.

This script resets the values in the five fields of your Sample Summary Result (TSASSR) table that track whether the record has been included in an H1 DTF and/or accepted by SDWIS/FED. For table TSASSR only, it resets EXTERNAL_SYS_NUM, TRANSACTION_TYP, DTF_BATCH_NUMBER, SDWISFED_STATUS, DTF_CREATE_DATE_TS to null or spaces, as if Migration to SDWIS/FED: Sampling has not been run for your Lead and Copper 90th Percentile summaries. The script also synchronizes values in your TINEISN and TINEXSN tables with your TSASSR table. Please note that after you run this script, if you open the Post-Migration to SDWIS/FED: Sampling processing list, you will still see records indicating you ran MTF:Sampling if your Primacy Agency did so. (The script does not remove the records in the TINBATCH table that record each run.)

Copy the Unmark_SSR_Reported_to_SDWISFED.SQL script into the C:\SDWIS_MIGRATE70to80\Dba_Scripts folder and follow the instructions at the start of the script for executing it.

4/14/2004	9421	MT	Jesse Dahl	8.0.4

Status:	C
Time Spent:	0.50
SDWIS/STATE Component:	Sampling EDI

Problem/Question: In troubleshooting an issue with Sampling via EDI for the State of Montana, we came across a rejection reason for which we would like clarification. The reason is: A UCM analyte must have a unit of measure of MG/L or UG/L. The analyte in question is 2923 and it is reported with the UOM of SU. The rejected sample report is attached (see SDWIS/State e-mail account). The clarification we

Date:	Event #:	Organization:	Originator:	Release:

desire is to define the list of UCM analytes. No such indication is made in the TSAANLYT table in SDWIS.

Also, is there a reference tool that would define what all the Sampling via EDI rejection reasons are? A report similar to this would be very helpful to the EDI custodian in MT.

Respondee(s):   Dianna Heaberlin/Scott Peterson

Resolution: Donna Irwin 4/26/04: No separate document exists that details the rejection reasons for Sampling via EDI. This application has been used by many users for many years and as you probably know, will be replaced with XML Sampling (so there will probably be changes to the rejection messages). If you have a specific question about a specific error message that you feel is unclear, we will try to clarify it for you.

Dianna Heaberlin 4/14/04: There is a requirement for reporting of UCMR data that the only allowable UOM are mg/l and ug/l. The software uses the reported dates in the TSAANALYT table to determine if the analyte is one that should be reported for UCMR and therefore should have this data check.

4/19/2004	9453	NJ	Freddie Grier	8.0.4

Status: C

Time Spent: 0.50

SDWIS/STATE Component: Installation

Problem/Question: How can a user change their SDWIS/STATE logon password?

Respondee(s):   Raghu Charugundla

Resolution: Raghu Charugundla 4/19/04: User accounts in SDWIS/STATE are maintained at the database level. Users can/will change the passwords in several ways provided by the RDBMS (Oracle, MS SQL, and DB2) that comply with the State's/Region's user maintenance policy. In the Oracle database, the user is required to connect to the database and issue a change password command. Listed below are the steps:

1. Open SQL Plus, log in as the user by providing username (e.g., freddie), password (e.g., freddie) and connect string (e.g., DBPWSS01).

2. At the SQL Plus prompt, type the following command: Alter user freddie identified by new_pass_word.

3. Make sure the command is executed successfully. Close the SQL Plus session.

If the Administrator is creating and maintaining passwords for his/her users, the following are two ways to achieve this:

Date:	Event #:	Organization:	Originator:	Release:

1. Follow the steps given above. In Step 1, connect as a DBA user (e.g., System); or

2. Open DBA Studio or Enterprise Manager Console. Expand Network>>Databases>>DBPWSS01>>Security>Users. Double-click on the user you want to change. On the right window panel, under the General tab, type in new the password in the "Enter Password" and "Confirm Password" fields. Click on the "Apply" button to confirm the change. Click Exit.

4/14/2004	9419	NY	Tom Becker	8.0.4

Status: C

Time Spent: 0.25

SDWIS/STATE Component: Installation

Problem/Question: Mr. Becker requested a copy of the Oracle version of "Unmark_SSR_Reported_to_SDWISFED.SQL.

Respondee(s): Belinda Barsotti

Resolution: Belinda Barsotti 4/14/04: Tom, attached is the Oracle version of the Unmark_SSR_Reported_to_SDWISFED.SQL script.

This script resets the values in the five fields of your Sample Summary Result (TSASSR) table that track whether the record has been included in an H1 DTF and/or accepted by SDWIS/FED. For table TSASSR only, it resets EXTERNAL_SYS_NUM, TRANSACTION_TYP, DTF_BATCH_NUMBER, SDWISFED_STATUS, DTF_CREATE_DATE_TS to null or spaces, as if Migration to SDWIS/FED: Sampling has not been run for your Lead and Copper 90th Percentile summaries. The script also synchronizes values in your TINEISN and TINEXSN tables with your TSASSR table. Please note that after you run this script, if you open the Post-Migration to SDWIS/FED: Sampling processing list, you will still see records indicating you ran MTF:Sampling if your Primacy Agency did so. (The script does not remove the records in the TINBATCH table that record each run.)

Copy the Unmark_SSR_Reported_to_SDWISFED.SQL script in to C:\SDWIS_MIGRATE70to80\Dba_Scripts folder and follow the instructions at the start of the script for executing it.

4/14/2004	9422	OK	Steve Wright	8.0.4

Status: C

Time Spent: 0.75

SDWIS/STATE Component: MTF:Sampling

Date:	Event #:	Organization:	Originator:	Release:

Problem/Question: Request for the Compare FED/STATE 90th % Data MS Access database tool - Oklahoma

Respondee(s): Scott Peterson/Gopa Nair

Resolution: Scott Peterson 4/14/04: As requested, please find attached the Oklahoma PbCu Compare Database. Oklahoma's lead and copper sample data from SDWIS/FED has already been migrated into this database for your use. FYI, I have also included the original text file created when your records were extracted from SDWIS/FED.

Please refer to the accompanying documents as you utilize this tool.

4/13/2004	9409	R10	Jane Schuster	8.0.4

Status: C

Time Spent: 0.25

SDWIS/STATE Component: Installation

Problem/Question: I would like to receive the Oracle and SQL Server versions of the Unmark_SSR_Reported_to_SDWISFED.SQL script for my states.

Respondee(s): Belinda Barsotti

Resolution: Belinda Barsotti 4/13/04: Attached are the Oracle and SQL Server versions of the Unmark_SSR_Reported_to_SDWISFED.SQL script.

This script resets the values in the five fields of your Sample Summary Result (TSASSR) table that track whether the record has been included in an H1 DTF and/or accepted by SDWIS/FED. For table TSASSR only, it resets EXTERNAL_SYS_NUM, TRANSACTION_TYP, DTF_BATCH_NUMBER, SDWISFED_STATUS, DTF_CREATE_DATE_TS to null or spaces, as if Migration to SDWIS/FED: Sampling has not been run for your Lead and Copper 90th Percentile summaries. The script also synchronizes values in your TINEISN and TINEXSN tables with your TSASSR table. Please note that after you run this script, if you open the Post-Migration to SDWIS/FED: Sampling processing list, you will still see records indicating you ran MTF:Sampling if your Primacy Agency did so. (The script does not remove the records in the TINBATCH table that record each run.)

Copy the Unmark_SSR_Reported_to_SDWISFED.SQL script into the C:\SDWIS_MIGRATE70to80\Dba_Scripts folder and follow the instructions at the start of the script for executing it.

4/13/2004	9412	R5	Jonathan Barney	8.0.4

Status: C

Time Spent: 0.25

Date:	Event #:	Organization:	Originator:	Release:

SDWIS/STATE Component:	Installation

Problem/Question: Jonathan Barney requested the Unmark_SSR_Reported_to_SDWISFED.SQL script for Region 5.

Respondee(s): Belinda Barsotti

Resolution: Belinda Barsotti 4/13/04: Attached is the Oracle version of the Unmark_SSR_Reported_to_SDWISFED.SQL script. This script resets the values in the five fields of your Sample Summary Result (TSASSR) table that track whether the record has been included in an H1 DTF and/or accepted by SDWIS/FED. For table TSASSR only, it resets EXTERNAL_SYS_NUM, TRANSACTION_TYP, DTF_BATCH_NUMBER, SDWISFED_STATUS, DTF_CREATE_DATE_TS to null or spaces, as if Migration to SDWIS/FED: Sampling has not been run for your Lead and Copper 90th Percentile summaries. The script also synchronizes values in your TINEISN and TINEXSN tables with your TSASSR table. Please note that after you run this script, if you open the Post-Migration to SDWIS/FED: Sampling processing list, you will still see records indicating you ran MTF:Sampling if your Primacy Agency did so. (The script does not remove the records in the TINBATCH table that record each run.)

Copy the Unmark_SSR_Reported_to_SDWISFED.SQL script into the C:\SDWIS_MIGRATE70to80\Dba_Scripts folder and follow the instructions at the start of the script for executing it.

4/12/2004	9407	R6	Andy Waite	8.0.4

Status: C

Time Spent: 0.25

SDWIS/STATE Component:	MBS Reports

Problem/Question: Andy is trying to run a Precompliance report, but he gets an hour glass, then the previous screen appears.

Respondee(s): Belinda Barsotti

Resolution: Belinda Barsotti 4/12/04: Andy called back and said that he had solved the problem.

Vicki Gupta 4/12/04: This usually happens if you don't have "Precompliance" set up as ODBC on your workstation; if you do, delete it and reconfigure it.

4/21/2004	9469	R8	Linda Wheeler	8.0.4

Status: C

Time Spent: 1.00

Date:	Event #:	Organization:	Originator:	Release:

SDWIS/STATE Component: IBS

Problem/Question: Once you have over 100 Water System Groups, how can we pick the groups that do not show up to be current on the SDWIS/STATE maintenance screen?

Respondee(s): Cheryl Wilson

Resolution: Cheryl Wilson 4/21/04: After reviewing this question with the developers, I sent the following e-mail to Linda: Currently with 8.0, the sort for Water System Groups is by Type and Name. All Dynamic WS groups will appear first, in Name ascending order. Next, are the Static WS groups, in Name ascending order.

As you noted, if you have more than 100 WS groups total (Dynamic and Static), you are not able to see or select any WS Group beyond 100.

As a workaround, you could: change the name of the first WS Group in your list so that it begins with the letter "Z" (ALLActive group would change to ZAllActive). This will reorder the group listing, putting ZAllActive on the bottom and effectively moving all the other groups "up" on the list. If you still cannot see the WS Group you are interested in, put a "Z" in front of the name of the next WS Group on the list, and so on, until you can see the WS Group you're interested in.

Note this will work only within the same WS Group Type. If ALLActive is Dynamic WS Group, this will only reorder the group listing for the Dynamics (which display first). The Static WS Groups would remain in the same order, right below the Dynamic WS Group list. However, you can do the same thing to the Static WS Group names to get them to reorder. As long as you don't have 100 Dynamic WS Groups, you should be able to use this to reorder the WS Group listings until you can see, and therefore select, the WS Group you want.

With SSWR1, this will change. The WS Group Maintenance List will allow you to see and select more than 100 WS Groups.

4/12/2004	9398	SDC	Scott Peterson	8.0.4

Status: C

Time Spent: 0.75

SDWIS/STATE Component: MTF:Sampling

Problem/Question: Request for the Compare FED/STATE 90th % Data MS Access database tool - Region 8 Tribal Lands (08).

Respondee(s): Scott Peterson/Gopa Nair

Resolution: Scott Peterson 4/19/04: As requested, please find attached two PbCu Compare Databases: one for Wyoming, the other for EPA

Date:	Event #:	Organization:	Originator:	Release:

Region 8 tribal lands. Lead and copper sample data from SDWIS/FED for these two has already been migrated into the databases for your use. FYI, I have also included the original text files created when the records were extracted from SDWIS/FED.

Please refer to the accompanying documents as you utilize this tool. If you need any assistance, please feel free to contact me directly.

The extension of the zip files was changed to ziq in an effort to bypass filtering software. You need to change them back to zip before you can use them.

4/12/2004	9397	SDC	Scott Peterson	8.0.4

Status: C

Time Spent: 0.75

SDWIS/STATE Component: MTF:Sampling

Problem/Question: Request for the Compare FED/STATE 90th % Data MS Access database tool - Wyoming

Respondee(s): Scott Peterson/Gopa Nair

Resolution: Scott Peterson 4/19/04: As requested, please find attached two PbCu Compare Databases: one for Wyoming, the other for EPA Region 8 tribal lands. Lead and copper sample data from SDWIS/FED for these two has already been migrated into the databases for your use. FYI, I have also included the original text files created when the records were extracted from SDWIS/FED.

Please refer to the accompanying documents as you utilize this tool. If you need any assistance, please feel free to contact me directly.

The extension of the zip files was changed to ziq in an effort to bypass filtering software. You need to change them back to zip before you can use them.

4/20/2004	9459	UT	Brett Shakespear	8.0

Status: C

Time Spent: 0.50

SDWIS/STATE Component: Installation

Date:	Event #:	Organization:	Originator:	Release:

Problem/Question: I have a question regarding "add-on" applications to SDWIS. It is my perception that, in general, it is not good practice to create add-ons that write directly to SDWIS's (Oracle) tables. Are you aware of states that use add-on applications that write to SDWIS tables successfully? What advice or information can you give in relation to that question (i.e., are there other states doing it successfully, is it advised against)?

We are in the process of data migration and are working through the entire process of which data to migrate to SDWIS.

Respondee(s): Raghu Charugundla

Resolution: Brett Shakespear 4/21/04: Thank you. That was exactly the response I was looking for.

Raghu Charugundla 4/21/04: You are correct that add-on applications should never write to SDWIS/STATE tables. We are aware of many different kinds of add-on modules, but none that actually write to the SDWIS/STATE tables. These add-on modules select data from SDWIS/STATE tables, process it, and sometimes write it to external tables. This kind of interaction with SDWIS/STATE tables is fine, and in fact, EPA encourages primacy agencies to use/reference the SDWIS/STATE data tables to optimize drinking water data analysis at their locations. SDWIS/STATE is a complex application, and maintaining referential as well as functional integrity is essential for the application to work as designed. Primacy agencies who enter data into SDWIS/STATE tables outside of the application do so at their own risk; most of those that have done so have run into problems.

4/15/2004	9433	VA	Joanne Vivas	8.0.4

Status: C

Time Spent: 0.25

SDWIS/STATE Component: Installation

Problem/Question: Joanne requested the Oracle Version of Unmark_SSR_Reported_to_SDWISFED.SQL script.

Respondee(s): Belinda Barsotti

Resolution: Belinda Barsotti 4/16/04: Attached is the Oracle version of the Unmark_SSR_Reported_to_SDWISFED.SQL script. This script resets the values in the five fields of your Sample Summary Result (TSASSR) table that track whether the record has been included in an H1 DTF and/or accepted by SDWIS/FED. For table TSASSR only, it resets EXTERNAL_SYS_NUM, TRANSACTION_TYP, DTF_BATCH_NUMBER, SDWISFED_STATUS, DTF_CREATE_DATE_TS to null or spaces, as if Migration to SDWIS/FED: Sampling has not been run for your Lead and Copper 90th Percentile summaries. The script also synchronizes values in your TINEISN and TINEXSN tables with your TSASSR table. Please note that after you run this script, if you open the Post-Migration to SDWIS/FED: Sampling processing list, you will still see records indicating you ran MTF:Sampling if your Primacy Agency did so. (The script does not remove the records in the TINBATCH table that record each run.)

Copy the Unmark_SSR_Reported_to_SDWISFED.SQL script in to C:\SDWIS_MIGRATE70to80\Dba_Scripts folder and follow the

Date:	Event #:	Organization:	Originator:	Release:
		instructions at the start of the script for executing it.		

Date:	Event #:	Organization:	Originator:	Release:
4/19/2004	9454	VA	Joanne Vivas	8.0.4

Status: C

Time Spent: 0.50

SDWIS/STATE Component: Installation

Problem/Question: Question 1: Do we run the script "Unmark SARs reported to SDWIS/FED" before the patch? I think we do, but Evans wanted me to double-check. I have requested this script from the SDWIS/STATE Hotline and Belinda just needed to know what version I needed (Oracle or SQL). I responded to her request this morning.

Scenario E - Recommended Actions for Primacy Agency:

(a) Primacy Agency requests and uses the "Compare FED/STATE 90th % Data" MS Access database tool to help determine the most appropriate scenario.
(b) Primacy Agency uses the "Unmark SARs Reported to SDWIS/FED" to reset values for any results that may have been inadvertently marked.
(c) Primacy Agency executes the RESET_EISN_EXSN.SQL script to reset the highest External System Number in the TINEXSN table.
(d) When the Migration to SDWIS/FED: Sampling Patch (SDWIS/STATE 8.0.5) is installed, the Primacy Agency uses it to create the H1 DTF, specifying January 1, 1992 as the From Date in the Sample Collection Date Range.
(e) Primacy Agency forwards the H1 DTF and the report generated by the "Compare FED/STATE 90th % Data" to the SDWIS/FED Regional Coordinator.

Question 2: In Scenario E above, does the script "Unmark SARs reported to SDWIS/FED" take care of steps (b) and (c) in one script?

Question 3: Does SDWIS/STATE 8.0.5 need to be installed on every client workstation or just the SDWIS Administrator's workstation?

Virginia uses Windows 2000 and Oracle.

Respondee(s): Scott Peterson

Resolution: Scott Peterson 4/19/04:

Answer to Question 1: You can run the script either before or after installing the patch. The important thing is to run it before you use

Date: **Event #:**   **Organization:**   **Originator:**   **Release:**

the 8.0.5 Migration to SDWIS/FED: Sampling function to create an H1 DTF.

Answer to Question 2: Originally, we had planned to have users run both scripts. However, in the end, we did add the logic to reset the TINEXSN and TINEISN to the Unmark SAR script so you do not have to run the second script. If you have already run the second script, no harm done.

Answer to Question 3: SDWIS/STATE 8.0.5 only needs to be installed on the client(s) you will use to run Migration to SDWIS/FED: Sampling.

Time spent on above events (in hours):   12

Date:	Event #:	Organization:	Originator:	Release:
4/1/2004	9351	R5	Jonathan Barney	8.0.4

Status: C

Time Spent: 1.75

SDWIS/STATE Component: MBS

Problem/Question: When we try to run the SDWIS/STATE CDS report function to create MRDL summaries, we get a Windows error. We are attempting to run:

--Monitoring and Noncompliance
--Edit > Compliance Decision Support > D/DBP Compliance Report
--Uncheck all except Create Chlorine/Chloramine MRDL Summaries at the bottom and fill in the dates (01/01/2004 - 03/31/2004).

The screen with the progress bars comes up, then it freezes with the progress at 0.0 and pops up an error message.

The following is a text printout of the error we receive:

MBSMAIN caused an exception c0000026H in module KERNEL32.DLL at
017f:bff88539.
Registers:
EAX=ffffffff CS=017f EIP=bff88539 EFLGS=00000213
EBX=ffffffff SS=0187 ESP=0077f360 EBP=0077f4e4
ECX=ffffffff DS=0187 ESI=0077f438 FS=3137
EDX=bff7687a ES=0187 EDI=819b2284 GS=0000
Bytes at CS:EIP:
5f 5e 5b 8b e5 5d c2 10 00 8b 4c 24 04 56 0f b7
Stack dump:
00000001 00000000 023b75b8 0001001f 00000000 00000000 00000000 00000000
00000000 00000000 ffff027f ffff4020 ffffffff 0225b194 041d017f 02279b90

We are running Windows 98, Oracle 8.1.7 Client, and SDWIS/STATE 8.0.4 on the Workstation, and Oracle 8.1.6 on the Server. I have also tried running the report from my workstation running Windows XP, and it just freezes at the same point, without any error message. Then I have to kill it with the Task Manager.

Respondee(s): Caesar Vinegas

Resolution: Jonathan Barney 4/14/04: Success! I installed apps\sdwis\80_winNT\ in place of apps\sdwis\80_win98\, installed the 8.0.3 and 8.0.4 NT interim releases, and then copied my old \SDWIS folder back in. I assumed that my old .MDBs would all be OK, and haven't had any problems so far. Everything seems to run fine, and, most importantly, I was able to run Create MRDL Summaries for 1/1/2004

Date: **Event #:**   **Organization:**   **Originator:**   **Release:**

to 3/31/2004, and it created about 190 new summaries. Only bump in the road was the error message about codepage.ini, and that was quickly
fixed by modifying the path to the new apps\sdwis\80_winNT\.

Thank you for all the running around and diagnosing. You correctly identified the root problem and got us a workable solution. We're very pleased.

Caesar Vinegas 4/13/04: I was able to reproduce the problem using SDWIS/STATE Windows 98 on any operating system (98, 2000, XP). I sent Jon this e-mail:

"This is definitely a problem with SDWIS/STATE Windows 98 only. I've tested SDWIS/STATE NT version on Windows XP and Windows 2000 and both work. In fact, I tested SDWIS/STATE NT on Windows 98 and got that process going through without the page fault as well. So, if you go ahead install SDWIS/STATE NT 8.0.4 on Windows XP, I believe your create MRDL process will process through (I used 1/1/04 to 3/31/04 for my testing).

On a side note, the reason why I was not able to reproduce the problem yesterday was because I was running the create MRDL process on your schema where I've already been able to have it process through successfully before. In other words, even SDWIS/STATE Windows 98 on any operating system will process through using the same date inputs (1/1/04 to 3/31/04) if I have already ran create MRDL summaries successfully through those dates in a previous run. I have not gone in depth to find out why. My hunch is that you may have uncovered a glitch/quirk in the SDWIS/STATE Windows 98 software. Theoretically, they are the same application logic, the only difference being that SDWIS/STATE Windows 98 was generated and compiled in Windows 98, while SDWIS/STATE Windows NT was generated and compiled in Windows NT.

I will keep this event open until you let me know that you've been able to run the process through using SDWIS/STATE NT on Windows XP."

Caesar Vinegas 4/12/04: Jon confirmed his configuration and test platform where the problem occurs:

Server:
Windows 2000 Server
Oracle 8.1.6

Workstation #1:
Windows 98
Oracle 8.1.7 Client
MS Office XP
SDWIS/STATE 8.0.4 for Windows 98/Oracle

Workstation #2:
Windows XP

Date: **Event #:**   **Organization:**   **Originator:**   **Release:**

Oracle 8.1.7 Client
MS Office XP
SDWIS/STATE 8.0.4 for Windows 98/Oracle

Caesar Vinegas 4/6/04: Jon sent the R5 schema. I loaded it, ran Create MRDL Summaries, but was not able to reproduce either problem: 1) process freezing, and 2) not creating MRDL summaries. I will try to reproduce on Windows XP and Oracle 8.1.6 server.

Caesar Vinegas 4/6/04: I tried to reproduce the error but it ran to completion. I asked Jon for a ..DMP file of their schema.

Jonathan Barney 4/5/04: All of the dates in SDWIS/STATE for FEB2004 are 02/01/2004 to 02/29/2004.

Donna Irwin 4/5/04: The information you provided is pretty significant in that it seems to narrow down the point of failure to the present leap year. To be able to accurately reproduce the problem, could you please confirm what begin and end dates you have for the February 2004 monitoring period?

Jonathan Barney 4/5/04: I ran register.exe, and it seemed to run normally to completion. This did not have any effect on our problem; I still got a lockup when I tried to create the MRDL summaries for 1/1/2004 - 3/31/2004.

Ankur Patel tried some variations in the dates, and he found that the Create Summaries process would run to completion without an error, if the date range extended no further than February 28. That is, it runs OK for 1/1/2004 - 2/28/2004, but it freezes for 1/1/2004 - 2/29/2004 (or any date later than that). He wonders if the leap year day is not being handled properly.

Finally, I ran the Create Summaries for January only (1/1/2004 - 1/31/2004), ran CDS Setup, then ran the report for Chlorine/Chloramine MRDL (all other boxes, including the Create Summaries, unchecked). All three processes appeared to run normally to completion. But, the report still showed many candidate M&R violations with notes saying "There is no MDBP Summary for this Facility Analyte Level (FANL) and Monitoring Period." Note that our FANLs are for Chlorine (analyte code 0999).

Just to check further, I looked at the MRDL summaries through SBS, and there were no new ones there--just the few that we had entered as summaries. I investigated one water system (Vineland) that had 3 results for January for Total Chlorine Residual (Free chlorine residual was null) entered in the Field Results screens. The report showed a violation for this system, with the note that there was no MDBP summary.

So, even when the Create Summaries process appears to run to completion, it is not actually creating the summaries, it would seem.

Donna Irwin 4/1/04: As a first step, Caesar suggested that you run register.exe. Is this the only report you are having problems with?

Time spent on above events (in hours):   1.75

Date:	Event #:	Organization:	Originator:	Release:

Total time on all events (in hours):   **16.5**